

Fig. 1A

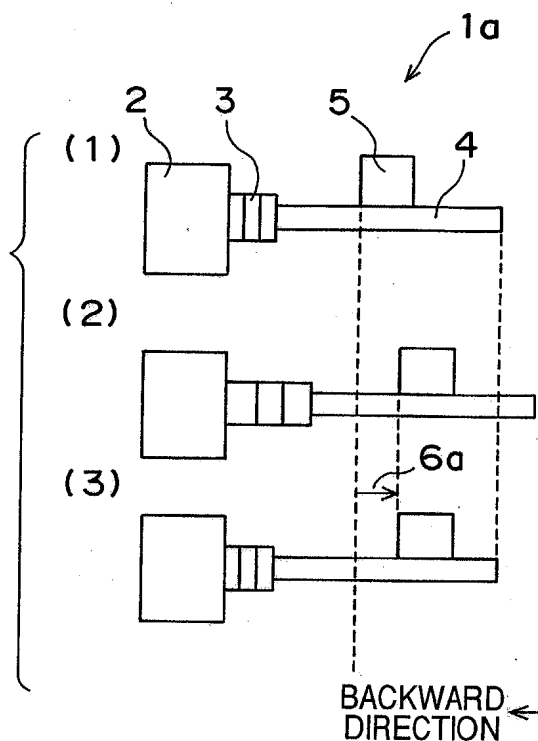


Fig. 1B

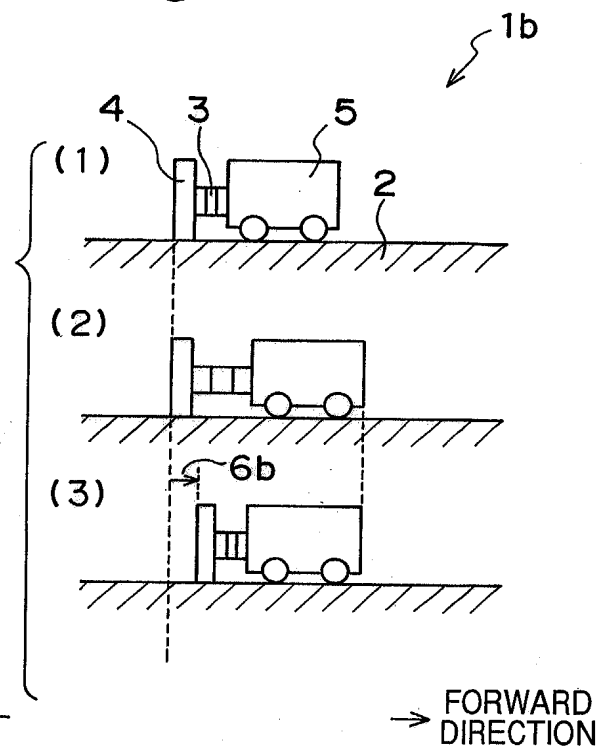


Fig. 1C

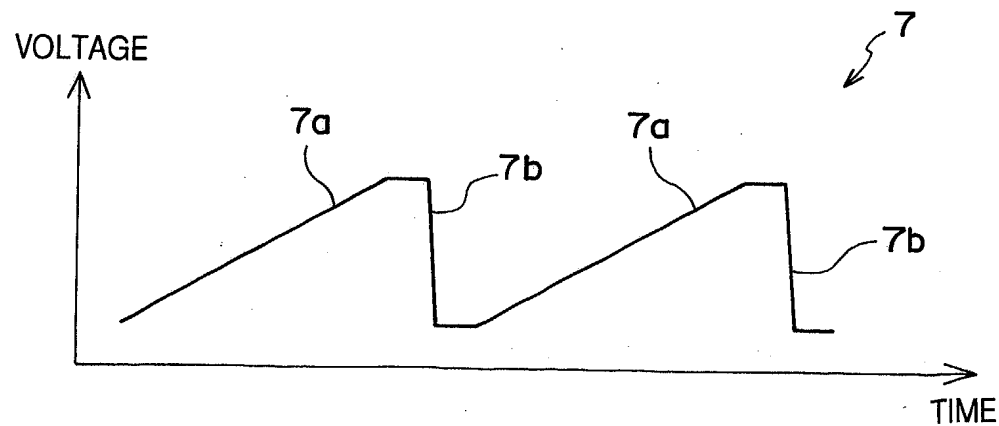


Fig.2A

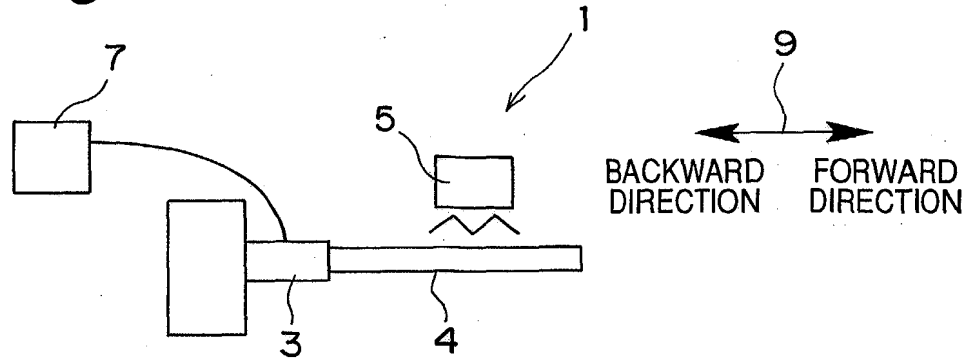


Fig.2B




MOTION OF DRIVE ROD	ADVANTAGEOUS EFFECT
 <p>8a</p>	MOVING BODY MOVES FORWARD
 <p>8b</p>	MOVING BODY MOVES BACKWARD
 <p>8c</p>	FRICITION REDUCES

Fig.3A

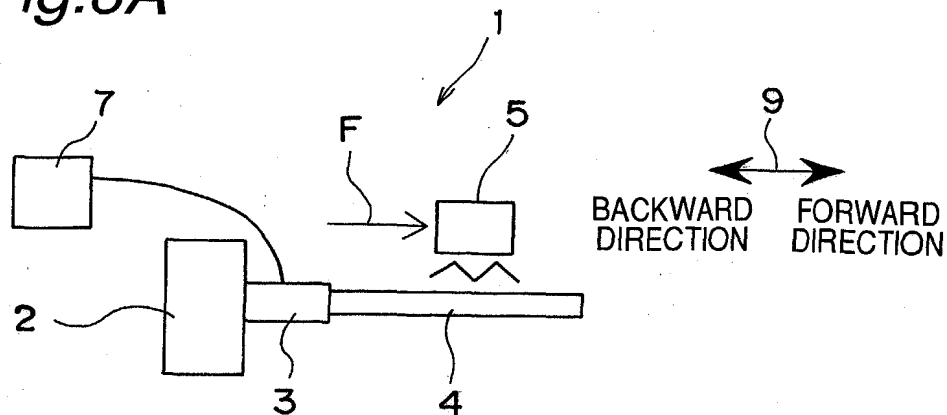


Fig.3B

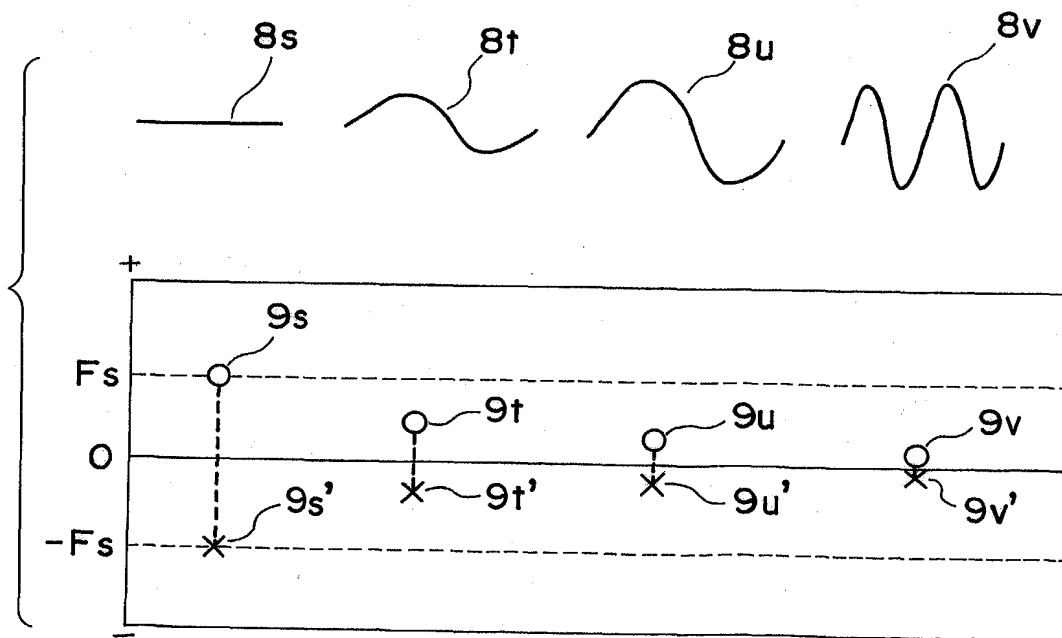


Fig.4A

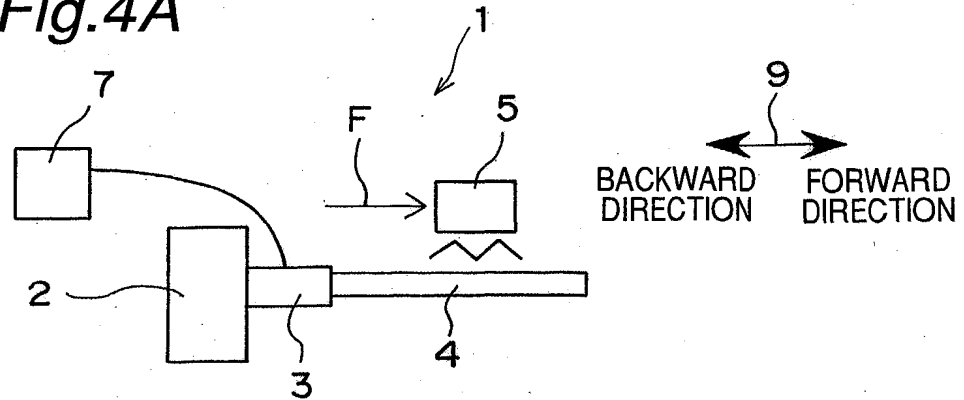


Fig.4B

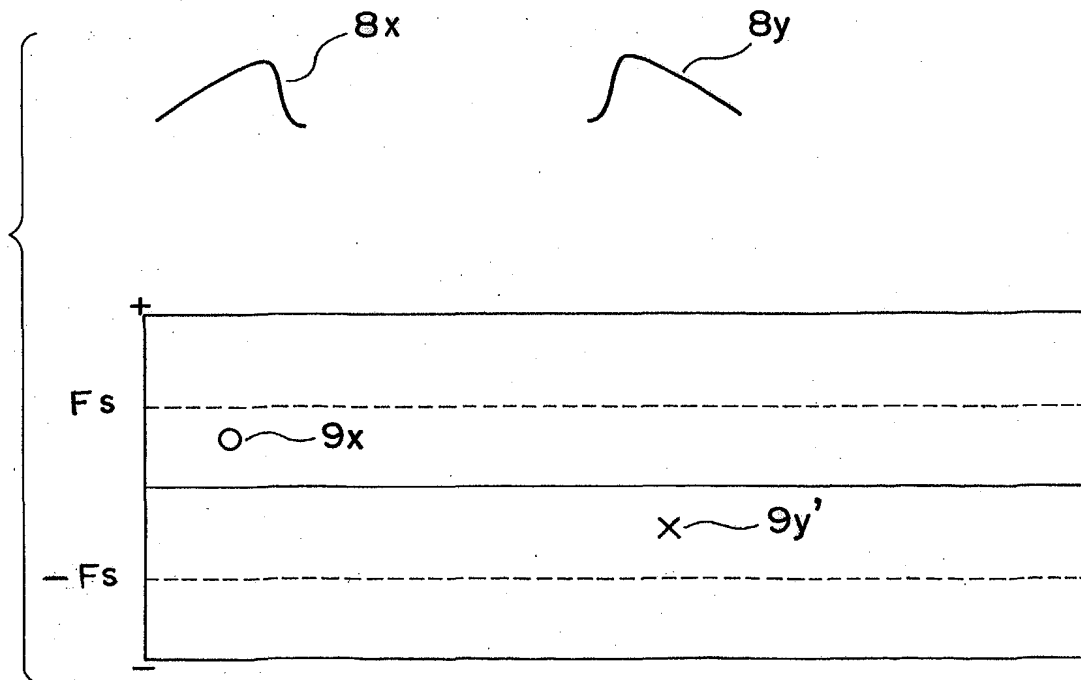


Fig.5

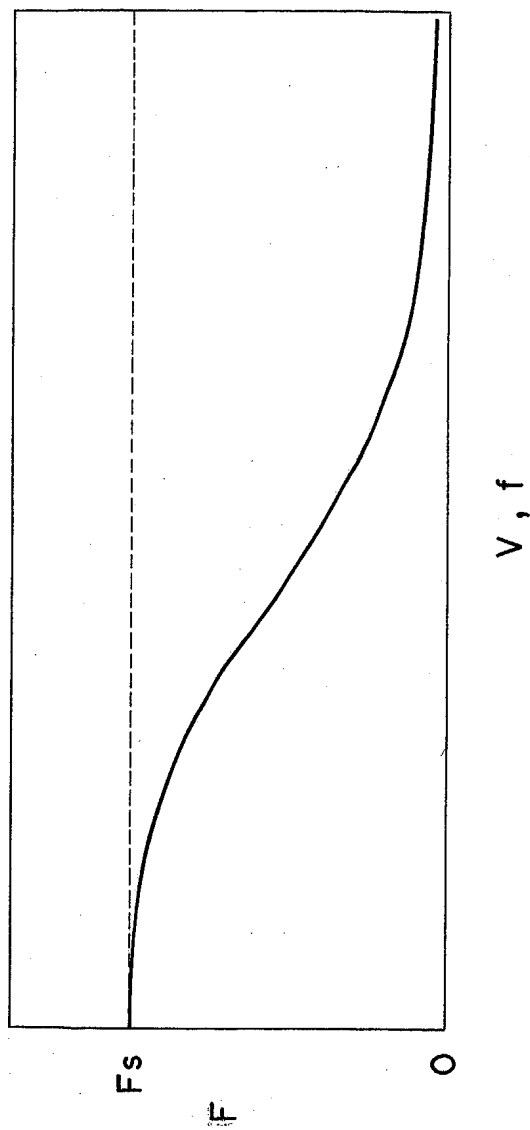


Fig.6

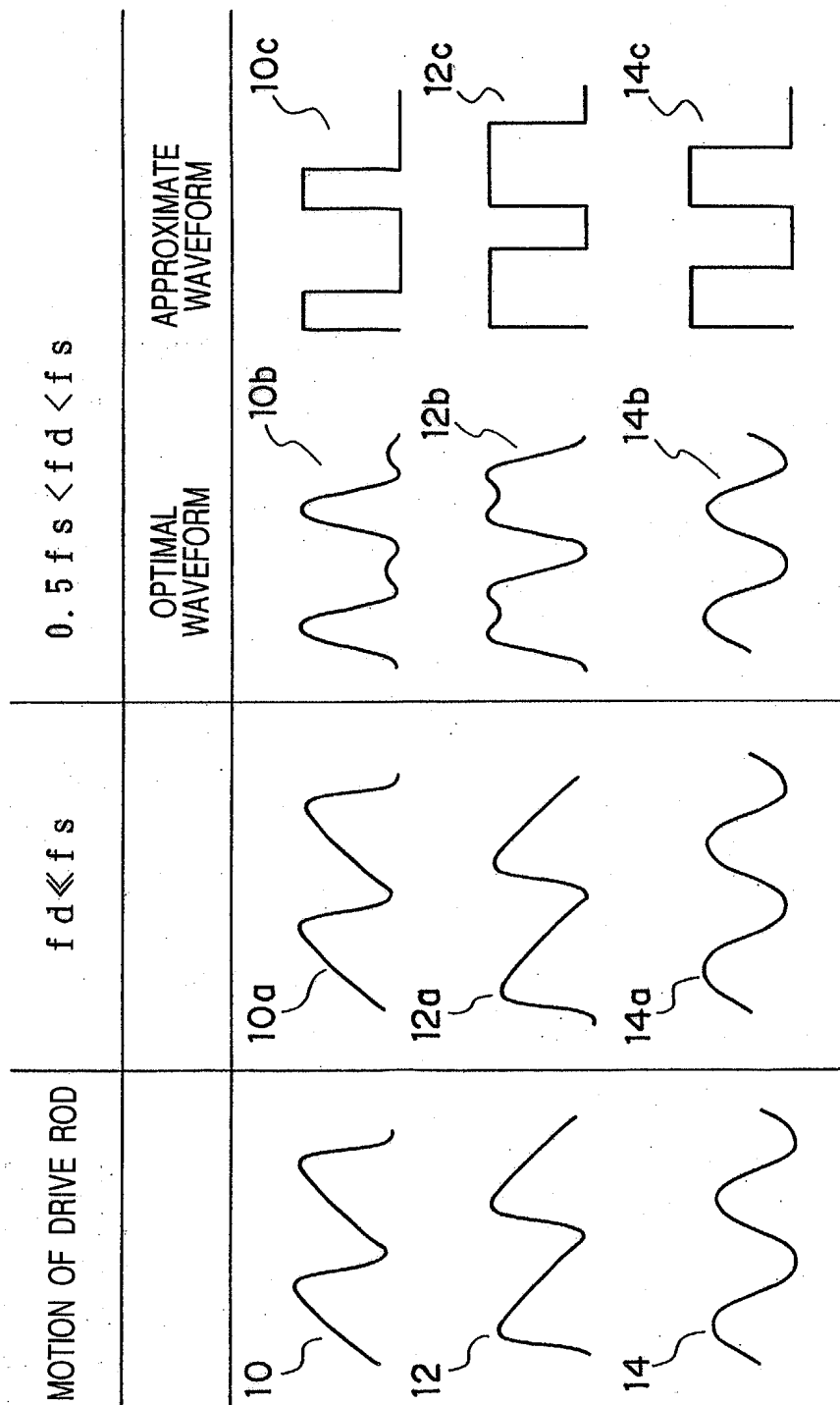


Fig.7A

VELOCITY OF
MOVING BODY

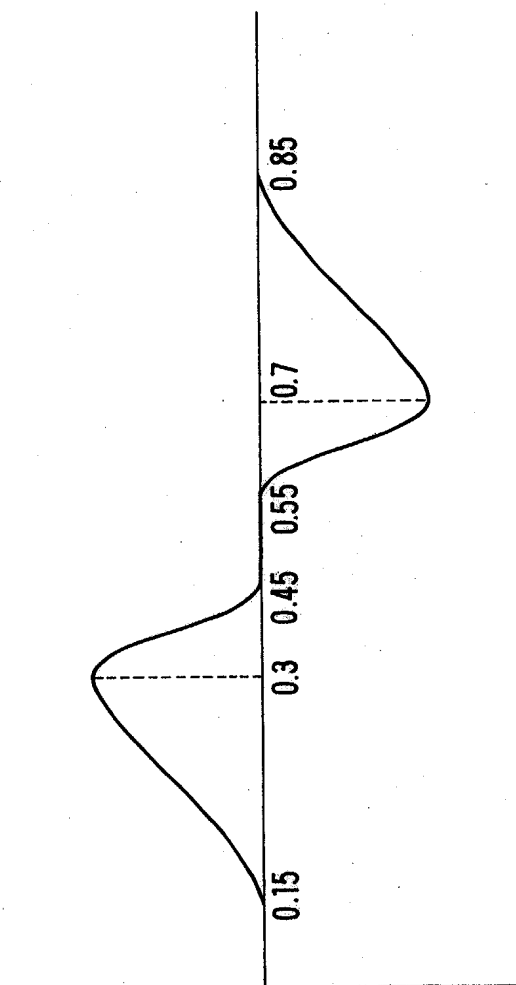


Fig.7B

EFFECT OF REDUCING
FRICTIONAL FORCE

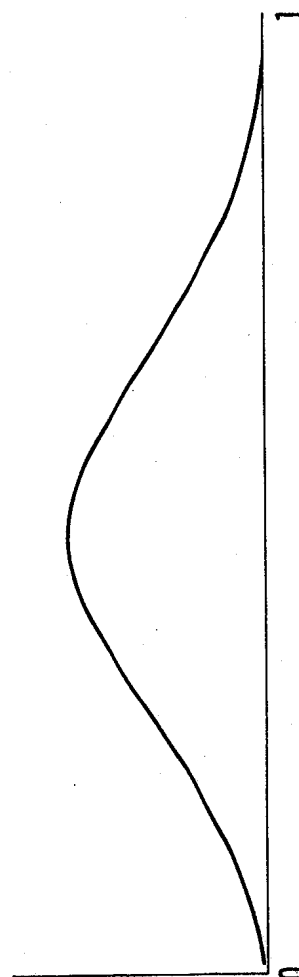


Fig.8A -----

$d = 0$ _____

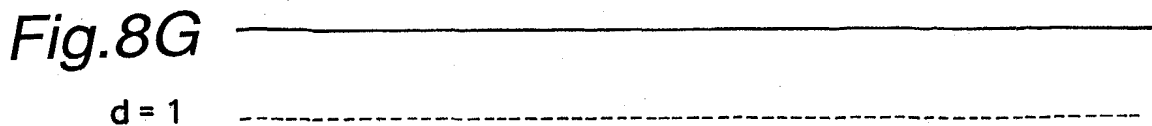
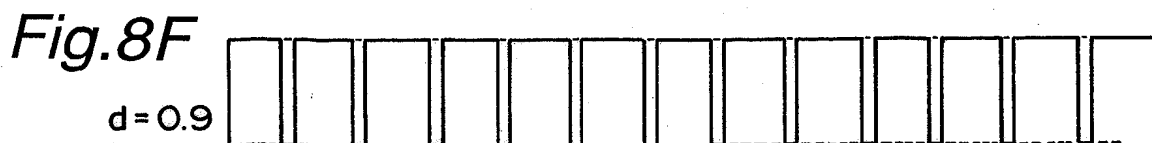
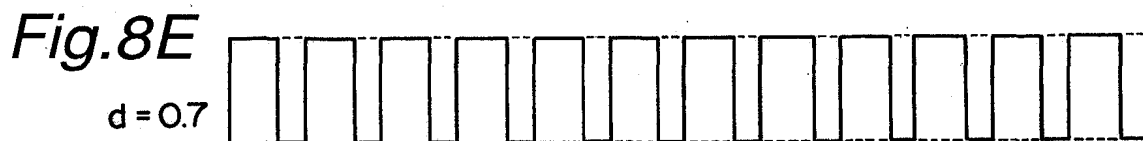
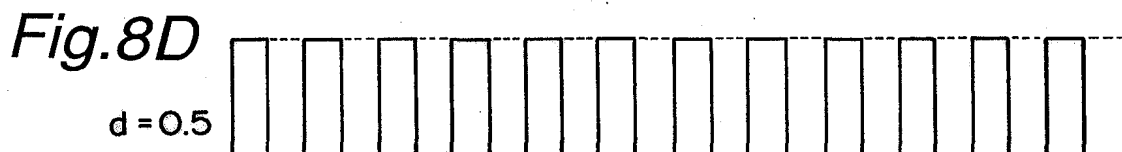


Fig.9A

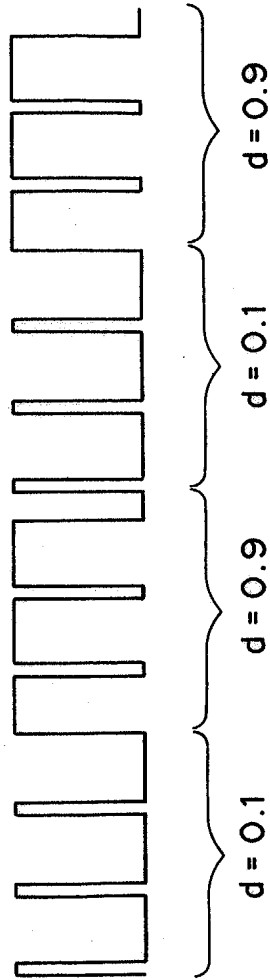


Fig.9B

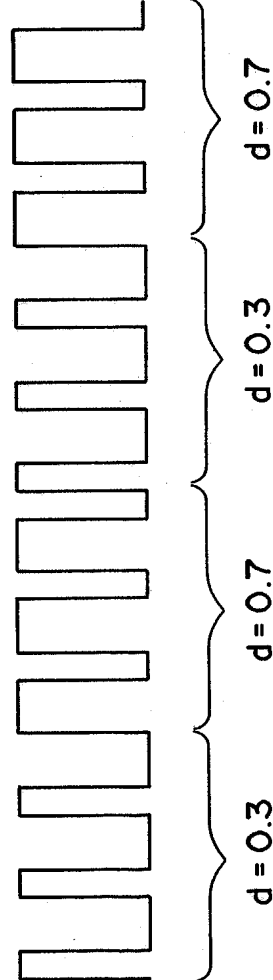


Fig.10A

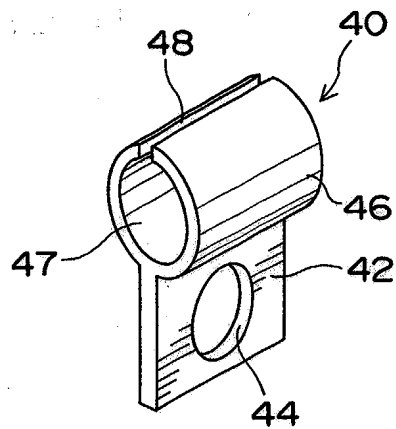


Fig.10B

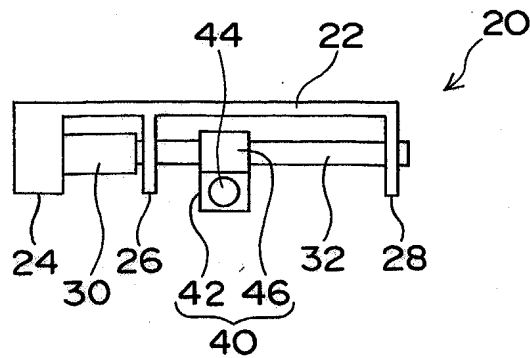


Fig.10C

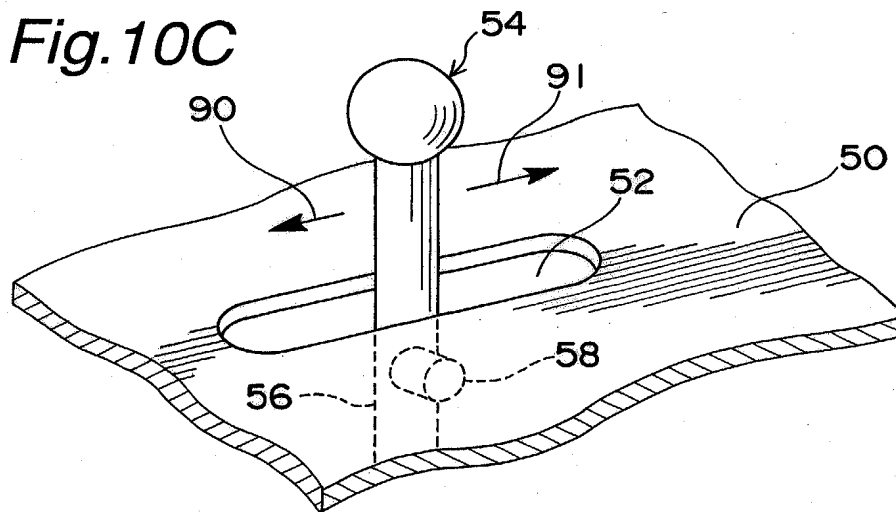


Fig.10D

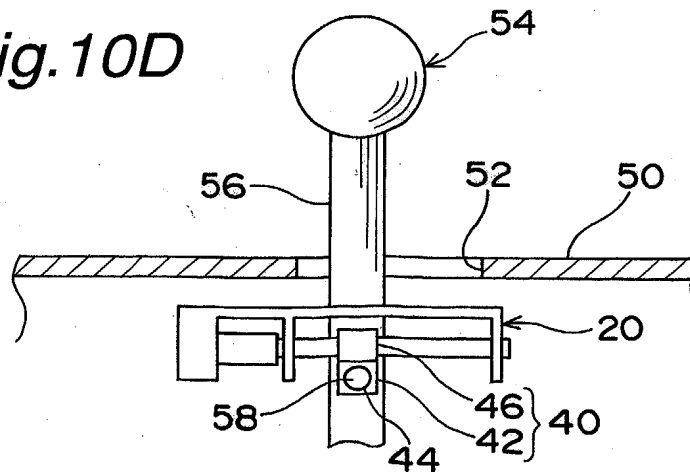


Fig.11A

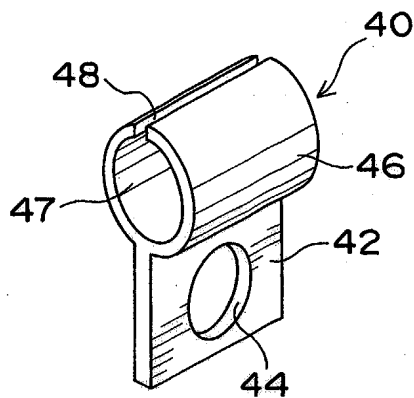


Fig.11B

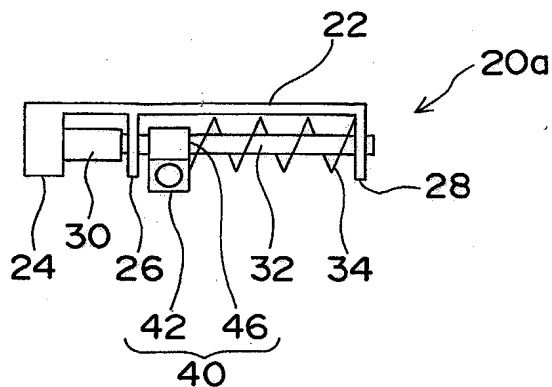


Fig.11C

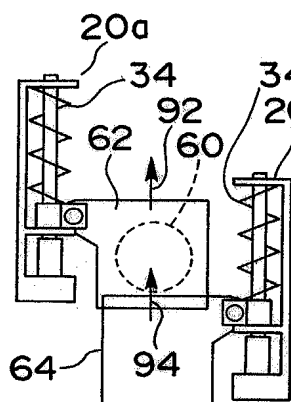


Fig.11D

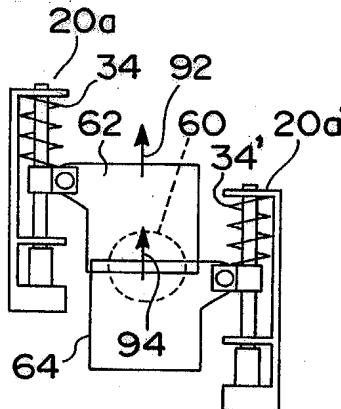


Fig.11E

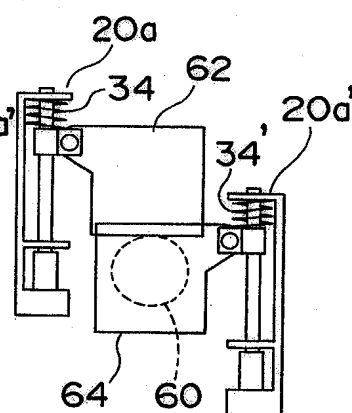


Fig.11F

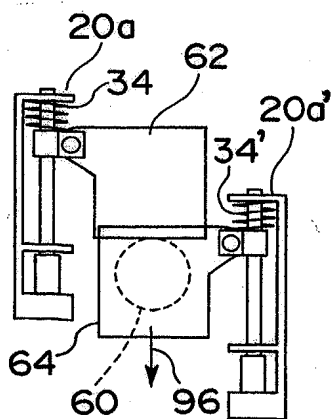


Fig.11G

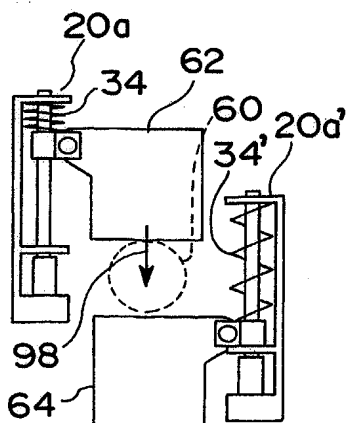


Fig.11H

